

ABSTRACT OF THE DISCLOSURE

A rope light having a multi-circuit arrangement is disclosed. The light comprises a plurality of electrical wires longitudinally extended therealong; and
5 one or more pairs of first and second illuminating units, each pair being electrically coupled between any two electrical wires, each illuminating unit including a plurality of LEDs coupled in series, and the first and the second illuminating units in each pair being connected in parallel. Applying AC source between any two electrical wires sequentially will lighten up the first and the
10 second illuminating units in each pair alternately by enabling current to flow through the LEDs in each illuminating unit toward a predetermined direction when the LEDs are conducted. The invention can control on/off of a plurality of LEDs by means of a relative small number of electrical wires.